

Title (en)
COMPARTMENT INTERIOR AIR-CONDITIONING DEVICE

Title (de)
INNENRAUMKLIMATISIERUNGSVORRICHTUNG FÜR BEHÄLTER

Title (fr)
DISPOSITIF DE CLIMATISATION D'INTÉRIEUR DE COMPARTIMENT

Publication
EP 3677115 A1 20200708 (EN)

Application
EP 18860732 A 20180927

Priority
• JP 2017189947 A 20170929
• JP 2018036056 W 20180927

Abstract (en)
An internal air adjustment device (30) that includes a first composition adjustment unit (40) and a second composition adjustment unit (60). The first composition adjustment unit (40) separates supply air from external air, the supply air having a composition that differs from a composition of the external air, and supplies the supply air into a transport container (1). The second composition adjustment unit (60) separates discharge air from internal air, the discharge air having a composition that differs from a composition of the internal air, and discharges the discharge air to outside of the transport container (1). The internal air adjustment device (30) is capable of properly controlling the composition of the internal air in the transport container (1).

IPC 8 full level
A01F 25/14 (2006.01); **F25D 23/00** (2006.01)

CPC (source: EP US)
A01F 25/14 (2013.01 - EP); **A23B 7/04** (2013.01 - US); **A23B 7/148** (2013.01 - US); **B01D 53/0423** (2013.01 - US); **B01D 53/047** (2013.01 - US); **B01D 53/229** (2013.01 - US); **B01D 53/30** (2013.01 - US); **F25D 17/042** (2013.01 - US); **A01F 25/14** (2013.01 - US); **A23V 2002/00** (2013.01 - US); **B01D 2053/224** (2013.01 - US); **B01D 2253/108** (2013.01 - US); **B01D 2257/102** (2013.01 - US); **B01D 2259/4566** (2013.01 - US); **F25D 23/00** (2013.01 - EP); **F25D 2317/041** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3677115 A1 20200708; **EP 3677115 A4 20210505**; **EP 3677115 B1 20231206**; CN 111148429 A 20200512; CN 111148429 B 20221025; DK 3677115 T3 20240108; JP 2019066169 A 20190425; JP 2020074756 A 20200521; JP 6658837 B2 20200304; JP 6930564 B2 20210901; SG 10202105953S A 20210729; SG 10202105954P A 20210729; SG 11202002861Q A 20200429; US 11517022 B2 20221206; US 2020253227 A1 20200813; WO 2019065889 A1 20190404

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EP 18860732 A 20180927; CN 201880063234 A 20180927; DK 18860732 T 20180927; JP 2018036056 W 20180927; JP 2018181654 A 20180927; JP 2019177856 A 20190927; SG 10202105953S A 20180927; SG 10202105954P A 20180927; SG 11202002861Q A 20180927; US 201816651991 A 20180927